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(57) Abstract: The present invention is related to recombinant constructs encoding active fragments of HSP60 which are effective in treating T cell-mediated inflammatory autoimmune diseases by DNA vaccines. The HSP60 fragments of the present invention are identified by their ability to react with T cells isolated from an animal vaccinated with DNA constructs encoding HSP70 to induce Th2/3 T-cell responses.

WO 2005/048914 A3